

## **LISTING OF THE CLAIMS**

The pending claims are as follows:

33. (Previously Amended) A system for providing a web page for a device that is a copier, comprising:
- (a) a copier web server mechanism, including:
    - a web server that generates a copier web page which enables control functions for the copier, the web server being embedded in the copier;
    - a network interface embedded in the copier and coupled to the web server;
    - a monitor embedded in the copier and coupled to the web server, wherein the monitor controls device-specific functions of the copier and monitors a set of information pertaining to the copier; and
    - a control/monitor path coupled to the monitor;
  - (b) a communication path coupled to the network interface; and
  - (c) a web browser coupled to the communication path for rendering the copier web page.
34. (Original) The system of claim 33 wherein the communication path is a home-based network
35. (Original) The system of claim 33 wherein the communication path is a home-based network, and wherein home-based network includes twisted pair communication links.
36. (Original) The system of claim 33 wherein the communication path is a local area network.
37. (Original) The system of claim 33 wherein the communication path includes power line communication links.
38. (Original) The system of claim 33 wherein the communication path includes radio frequency communication links.
39. (Original) The system of claim 33 wherein the communication path includes infrared communications links.

40. (Original) The system of claim 33 wherein the communication path includes telephone lines and cellular telephone links.
41. (Original) The system of claim 33 wherein the communication path includes serial communication links.
42. (Original) The system of claim 33 wherein the communication path includes parallel communication links.
43. (Original) The system of claim 33 wherein the communication path is a direct Internet connection to the world-wide web.
44. (Original) The system of claim 33 wherein the communication path includes:
  - a local area network;
  - a communication bridge coupled to the local area network; and the world-side web, the world-wide web being coupled to the communication bridge.
45. (Original) The system of claim 33 wherein the communication path includes
  - a home-based network;
  - a communication bridged coupled to the home-based network; and the world-wide web, the world-wide web being coupled to the communication bridge.
46. (Original) The system of claim 33 wherein the web browser has audio capability.
47. (Original) The system of claim 33 wherein the web browser is embodied in a computer system that executes a set of web browser software.
48. (Original) The system of claim 33 wherein the web browser is embodied in specialized television hardware.
49. (Original) The system of claim 33 wherein the web browser is embodied in specialized telephone system hardware.
50. (Previously Presented) A system for providing a web page for a device that is a printer, comprising:
  - (a) a printer web server mechanism, including:
    - a web server that generates a printer web page which enables control functions for the printer, the web server being embedded in the printer;

a network interface embedded in the printer and coupled to the web server;

a monitor embedded in the printer and coupled to the web server, wherein the monitor controls devices-specific functions of the printer and monitors a set of information pertaining to the printer; and

a control monitor path coupled to the monitor;

(b) a communication path coupled to the network interface; and

(c) a web browser coupled to the communication path for rendering the printer web page.

51. (Original) The system of claim 50 wherein the communication path is a home-based network.
52. (Original) The system of claim 50 wherein the communication path is a home-based network, and wherein home based network includes twisted pair communication links.
53. (Original) The system of claim 50 wherein the communication path includes is a local area network.
54. (Original) The system of claim 50 wherein the communication path includes power line communication links.
55. (Original) The system of claim 50 wherein the communication path includes radio frequency communication links.
56. (Original) The system of claim 50 wherein the communication path includes infrared communication links.
57. (Original) The system of claim 50 wherein the communication path includes telephone lines and cellular telephone links.
58. (Original) The system of claim 50 wherein the communication path is a direct Internet connection to the world-wide web.
59. (Original) The system of claim 50 wherein the web browser is embodied in specialized television hardware.
60. (Original) The system of claim 50 wherein the web browser is embodied in specialized telephone system hardware.

61. (Previously Presented) A system for providing a web page for a device that is a fax machine, comprising:

(a) a fax machine web server mechanism, including:

a web server that generates a fax machine web page which enables control functions for the fax machine, the web server being embedded in the fax machine;

a network interface embedded in the fax machine and coupled to the web server;

a monitor embedded in the fax machine and coupled to the web server, wherein the monitor controls device-specific functions of the fax machine and monitors a set of information pertaining to the fax machine; and

a control/monitor path coupled to the monitor;

b) a communication path coupled to the network interface; and

c) a web browser coupled to the communication path for rendering the fax machine web page.

62. (Original) The system of claim 61 wherein communication path is a home-based network.

63. (Original) The system of claim 61 wherein communication path is a home-based network, and wherein home-based network includes twisted pair communication links.

64. (Original) The system of claim 61 wherein communication path is a local area network.

65. (Original) The system of claim 61 wherein communication path includes power line communication links.

66. (Original) The system of claim 61 wherein communication path includes radio frequency communication links.

67. (Original) The system of claim 61 wherein communication path includes infrared communication links.

68. (Original) The system of claim 61 wherein communication path includes telephone lines and cellular telephone links.

69. (Original) The system of claim 61 wherein communication path is a direct Internet connection to the world-wide web.
70. (Original) The system of claim 61 wherein the web browser is embodied in specialized television hardware.
71. (Original) The system of claim 61 wherein the web browser is embodied in specialized telephone system hardware.
72. (Previously Amended) A system for providing a web page for a device that is a video player that reads video and audio information from a storage medium, comprising;
- (a) a video player web server mechanism, including:
    - a web server that generates a video player web page which enables control functions for the video player, the web server being embedded in the video player;
    - a network interface embedded in the video player and coupled to the web server;
    - a monitor embedded in the video player and coupled to the web server, wherein the monitor controls device-specific functions of the video player and monitors a set of information pertaining to the video player; and
    - a control/monitor path coupled to the monitor;
  - b) a communication path coupled to the network interface; and
  - c) a web browser coupled to the communication path for rendering the video player web page.
73. (Original) The system of claim 72 wherein the storage medium is an optical storage medium.
74. (Original) The system of claim 72 wherein the storage medium is magnetic tape.
75. (Original) The system of claim 72 wherein the video player is a video player/recorder that reads and writes video and audio information to an optical storage medium.

76. (Original) The system of claim 72 wherein the video player is a video player/recorder that reads and writes video and audio information to a magnetic tape storage medium.
77. (Original) The system of claim 72 wherein the communication path is a home-based network.
78. (Original) The system of claim 72 wherein the communication path is a home-based network, and wherein home-based network includes twisted pair communication links.
79. (Original) The system of claim 72 wherein the communication path is a local area network.
80. (Original) The system of claim 72 wherein the communication path includes power line communication links.
81. (Original) The system of claim 72 wherein the communication path includes radio frequency communication links.
82. (Original) The system of claim 72 wherein the communication path includes infrared communication links.
83. (Original) The system of claim 72 wherein the communication path includes telephone lines and cellular telephone links.
84. (Original) The system of claim 72 wherein the communication path is a direct Internet connection to the world-wide web.
85. (Original) The system of claim 72 wherein the web browser is embodied in specialized television hardware.
86. (Original) The system of claim 72 wherein the web browser is embodied in specialized telephone system hardware.
87. (Previously Amended) A system for providing a web page for a device that is a television, comprising;
- (a) a television web server mechanism, including:
    - a web server that generates a television web page which enables control functions for the television, the web server being embedded in the television;
    - a network interface embedded in the television and coupled to the web

server;

a monitor embedded in the television and coupled to the web server,  
wherein the monitor controls device-specific functions of the television and  
monitors a set of information pertaining to the television; and

a control/monitor path coupled to the monitor;

b) a communication path coupled to the network interface; and

c) a web browser coupled to the communication path for rendering the  
television web page.

88. (Original) The system of claim 87 wherein the communication path is a home-based network.
89. (Original) The system of claim 87 wherein the communication path is a home-based network, and wherein home-based network includes twisted pair communication links.
90. (Original) The system of claim 87 wherein the communication path is a local area network.
91. (Original) The system of claim 87 wherein the communication path includes power line communication links.
92. (Original) The system of claim 87 wherein the communication path includes radio frequency communication links.
93. (Original) The system of claim 87 wherein the communication path includes infrared communication links.
94. (Original) The system of claim 87 wherein the communication path includes telephone lines and cellular telephone links.
95. (Original) The system of claim 87 wherein the communication path is a direct Internet connection to the world-wide web.
96. (Original) The system of claim 87 wherein the web browser is embodied in specialized television hardware.
97. (Original) The system of claim 87 wherein the web browser is embodied in specialized telephone system hardware.
98. (Previously Amended) A system for providing a web page for a device that is a thermostat, comprising;

(a) a thermostat web server mechanism, including:

a web server that generates a thermostat web page which enables control functions for the thermostat, the web server being embedded in the thermostat;

a network interface embedded in the thermostat and coupled to the web server;

a monitor embedded in the thermostat and coupled to the web server, wherein the monitor controls device-specific functions of the thermostat and monitors a set of information pertaining to the thermostat; and

a control/monitor path coupled to the monitor;

b) a communication path coupled to the network interface; and

c) a web browser coupled to the communication path for rendering the thermostat web page.

99. (Original) The system of claim 98 wherein the communication path is a home-based network.

100. (Original) The system of claim 98 wherein the communication path is a home-based network, and wherein home-based network includes twisted pair communication links.

101. (Original) The system of claim 98 wherein the communication path is a local area network.

102. (Original) The system of claim 98 wherein the communication path includes power line communication links.

103. (Original) The system of claim 98 wherein the communication path includes radio frequency communication links.

104. (Original) The system of claim 98 wherein the communication path includes infrared communication links.

105. (Original) The system of claim 98 wherein the communication path includes telephone lines and cellular telephone links.

106. (Original) The system of claim 98 wherein the communication path is a direct Internet connection to the world-wide web.



107. (Original) The system of claim 98 wherein the web browser is embodied in specialized television hardware.
108. (Original) The system of claim 98 wherein the web browser is embodied in specialized telephone system hardware.
109. (Previously Amended) A system for providing a web page for a device that is a refrigerator, comprising;
- (a) a refrigerator web server mechanism, including:
    - a web server that generates a refrigerator web page which enables control functions for the refrigerator, the web server being embedded in the refrigerator;
    - a network interface embedded in the refrigerator and coupled to the web server;
    - a monitor embedded in the refrigerator and coupled to the web server, wherein the monitor controls device-specific functions of the refrigerator and monitors a set of information pertaining to the refrigerator; and
    - a control/monitor path coupled to the monitor;
  - b) a communication path coupled to the network interface; and
  - c) a web browser coupled to the communication path for rendering the refrigerator web page.
110. (Original) The system of claim 109 wherein the communication path is a home-based network.
111. (Original) The system of claim 109 wherein the communication path is a home-based network, and wherein home-based network includes twisted pair communication links.
112. (Original) The system of claim 109 wherein the communication path is a local area network.
113. (Original) The system of claim 109 wherein the communication path includes power line communication links.
114. (Original) The system of claim 109 wherein the communication path includes radio frequency communication links.

115. (Original) The system of claim 109 wherein the communication path includes infrared communication links.
116. (Original) The system of claim 109 wherein the communication path includes telephone lines and cellular telephone links.
117. (Original) The system of claim 109 wherein the communication path is a direct Internet connection to the world-wide web.
118. (Original) The system of claim 109 wherein the web browser is embodied in specialized television hardware.
119. (Original) The system of claim 109 wherein the web browser is embodied in specialized telephone system hardware.
120. (Previously Amended) A system for providing a web page for a device that is a washing machine, comprising;
- (a) a washing machine web server mechanism, including:
    - a web server that generates a washing machine web page which enables control functions for the washing machine, the web server being embedded in the washing machine;
    - a network interface embedded in the washing machine and coupled to the web server;
    - a monitor embedded in the washing machine and coupled to the web server,
    - wherein the monitor controls device-specific functions of the washing machine and monitors a set of information pertaining to the washing machine; and
    - a control/monitor path coupled to the monitor;
  - b) a communication path coupled to the network interface; and
  - c) a web browser coupled to the communication path for rendering the washing machine web page.
121. (Original) The system of claim 120 wherein the communication path is a home-based network.

122. (Original) The system of claim 120 wherein the communication path is a home-based network, and wherein home-based network includes twisted pair communication links.
123. (Original) The system of claim 120 wherein the communication path is a local area network.
124. (Original) The system of claim 120 wherein the communication path includes power line communication links.
125. (Original) The system of claim 120 wherein the communication path includes radio frequency communication links.
126. (Original) The system of claim 120 wherein the communication path includes infrared communication links.
127. (Original) The system of claim 120 wherein the communication path includes telephone lines and cellular telephone links.
128. (Original) The system of claim 120 wherein the communication path is a direct Internet connection to the world-wide web.
129. (Original) The system of claim 120 wherein the web browser is embodied in specialized television hardware.
130. (Original) The system of claim 120 wherein the web browser is embodied in specialized telephone system hardware.
131. (Previously Amended) A system for providing a web page for a device that is a disk drive, comprising;
- (a) a disk drive web server mechanism, including:
    - a web server that generates a disk drive web page which enables control functions for the disk drive, the web server being embedded in the disk drive;
    - a network interface embedded in the disk drive and coupled to the web server;
    - a monitor embedded in the disk drive and coupled to the web server, wherein the monitor controls device-specific functions of the disk drive and monitors a set of information pertaining to the disk drive; and
    - a control/monitor path coupled to the monitor;

- b) a communication path coupled to the network interface; and
- c) a web browser coupled to the communication path for rendering the disk drive web page.

- 132. (Original) The system of claim 131 wherein the communication path is a home-based network.
- 133. (Original) The system of claim 131 wherein the communication path is a home-based network, and wherein home-based network includes twisted pair communication links.
- 134. (Original) The system of claim 131 wherein the communication path is a local area network.
- 135. (Original) The system of claim 131 wherein the communication path includes power line communication links.
- 136. (Original) The system of claim 131 wherein the communication path includes radio frequency communication links.
- 137. (Original) The system of claim 131 wherein the communication path includes infrared communication links.
- 138. (Original) The system of claim 131 wherein the communication path includes telephone lines and cellular telephone links.
- 139. (Original) The system of claim 131 wherein the communication path is a direct Internet connection to the world-wide web.
- 140. (Original) The system of claim 131 wherein the web browser is embodied in specialized television hardware.
- 141. (Original) The system of claim 131 wherein the web browser is embodied in specialized telephone system hardware.
- 142. (Previously Amended) A system for providing a web page for a device that is an oscilloscope, comprising;
  - (a) an oscilloscope web server mechanism, including:
    - a web server that generates an oscilloscope web page which enables control functions for the oscilloscope, the web server being embedded in the oscilloscope;
    - a network interface embedded in the oscilloscope and coupled to the web

server;

a monitor embedded in the oscilloscope and coupled to the web server, wherein the monitor controls device-specific functions of the oscilloscope and monitors a set of information pertaining to the oscilloscope; and

a control/monitor path coupled to the monitor;

b) a communication path coupled to the network interface; and

c) a web browser coupled to the communication path for rendering the an oscilloscope web page.

143. (Original) The system of claim 142 wherein the communication path is a home-based network.

144. (Original) The system of claim 142 wherein the communication path is a home-based network, and wherein home-based network includes twisted pair communication links.

145. (Original) The system of claim 142 wherein the communication path is a local area network.

146. (Original) The system of claim 142 wherein the communication path includes power line communication links.

147. (Original) The system of claim 142 wherein the communication path includes radio frequency communication links.

148. (Original) The system of claim 142 wherein the communication path includes infrared communication links.

149. (Original) The system of claim 142 wherein the communication path includes telephone lines and cellular telephone links.

150. (Original) The system of claim 142 wherein the communication path is a direct Internet connection to the world-wide web.

151. (Original) The system of claim 142 wherein the web browser is embodied in specialized television hardware.

152. (Original) The system of claim 142 wherein the web browser is embodied in specialized telephone system hardware.

153. (Previously Amended) A system for providing a web page for a device that is a spectrum analyzer, comprising;

(a) a spectrum analyzer web server mechanism, including:

a web server that generates a spectrum analyzer web page which enables control functions for the spectrum analyzer, the web server being embedded in the spectrum analyzer;

a network interface embedded in the a spectrum analyzer and coupled to the web server;

a monitor embedded in the a spectrum analyzer and coupled to the web server, wherein the monitor controls device-specific functions of the a spectrum analyzer and monitors a set of information pertaining to the a spectrum analyzer; and

a control/monitor path coupled to the monitor;

b) a communication path coupled to the network interface; and

c) a web browser coupled to the communication path for rendering the spectrum analyzer web page.

154. (Original) The system of claim 153 wherein the communication path is a home-based network.

155. (Original) The system of claim 153 wherein the communication path is a home-based network, and wherein home-based network includes twisted pair communication links.

156. (Original) The system of claim 153 wherein the communication path is a local area network.

157. (Original) The system of claim 153 wherein the communication path includes power line communication links.

158. (Original) The system of claim 153 wherein the communication path includes radio frequency communication links.

159. (Original) The system of claim 153 wherein the communication path includes infrared communication links.

160. (Original) The system of claim 153 wherein the communication path includes telephone lines and cellular telephone links.

161. (Original) The system of claim 153 wherein the communication path is a direct Internet connection to the world-wide web.

162. (Original) The system of claim 153 wherein the web browser is embodied in specialized television hardware.
163. (Original) The system of claim 153 wherein the web browser is embodied in specialized telephone system hardware.